



Friday, February 21, 2020

Attn: Mr. Keith Gammell  
Barnhardt Mfg. Co.  
247 Main Rd  
P.O. Box 3  
Colrain, MA 01340

Project ID: NPDES BI-MONTHLY  
SDG ID: GCF34299  
Sample ID#s: CF34299

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #M-CT007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
UT Lab Registration #CT00007  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Sample Id Cross Reference

February 21, 2020

SDG I.D.: GCF34299

Project ID: NPDES BI-MONTHLY

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Client Id	Lab Id	Matrix
EFFLUENT	CF34299	WASTE WATER



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## Analysis Report

February 21, 2020

FOR: Attn: Mr. Keith Gammell  
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### Sample Information

Matrix: WASTE WATER  
Location Code: BARNHARD  
Rush Request: Standard  
P.O.#: G11301

### Custody Information

Collected by:  
Received by: CP  
Analyzed by: see "By" below

### Date

02/19/20  
02/19/20

### Time

7:00  
15:36

## Laboratory Data

SDG ID: GCF34299  
Phoenix ID: CF34299

Project ID: NPDES BI-MONTHLY  
Client ID: EFFLUENT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Ammonia as Nitrogen	< 0.25	0.25	mg/L	5	02/21/20	KDB	E350.1
Nitrite-N	0.105	0.010	mg/L	1	02/19/20 17:55	TB	E353.2
Nitrate-N	< 0.02	0.02	mg/L	1	02/19/20 17:55	TB	E353.2
Nitrogen Tot Kjeldahl	8.20	0.50	mg/L	5	02/21/20	KDB	E351.1
Total Nitrogen	8.31	0.10	mg/L	1	02/21/20	KDB	SM4500NH3/E300.0-11

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

### Comments:

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Phyllis Shiller, Laboratory Director

February 21, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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## QA/QC Report

February 21, 2020

### QA/QC Data

SDG I.D.: GCF34299

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 519148 (mg/L), QC Sample No: CF34166 (CF34299)													
Nitrate-N	BRL	0.02	0.29	0.30	3.40	99.4			97.0			90 - 110	20
Nitrite-N	BRL	0.01	0.211	0.21	0.50	98.4			100			90 - 110	20
QA/QC Batch 519283 (mg/L), QC Sample No: CF34367 (CF34299)													
Ammonia as Nitrogen	BRL	0.05	0.07	0.06	NC	103			101			90 - 110	20
Nitrogen Tot Kjeldahl	BRL	0.10	0.47	0.53	NC	92.9			97.9			85 - 115	20

**Comment:**

TKN is reported as Organic Nitrogen in the Blank, LCS, DUP and MS.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference  
LCS - Laboratory Control Sample  
LCSD - Laboratory Control Sample Duplicate  
MS - Matrix Spike  
MS Dup - Matrix Spike Duplicate  
NC - No Criteria  
Intf - Interference

Phyllis Shiller, Laboratory Director  
February 21, 2020

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Criteria: None

State: MA

**Sample Criteria Exceedances Report**  
**GCF34299 - BARNHARD**

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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## Analysis Comments

February 21, 2020

SDG I.D.: GCF34299

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The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

